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- 1 ACQUIRE DATA
- 2 PROCESS SIGNAL
- 3 SEPARATE COLORS
- 4 REMOVE PRIMERS
- 5 TRACK SIZES
- 6 EXTRACT PROFILES

FIG. 1

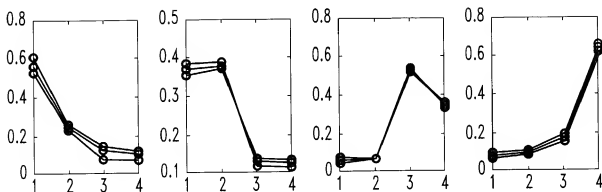


FIG. 2

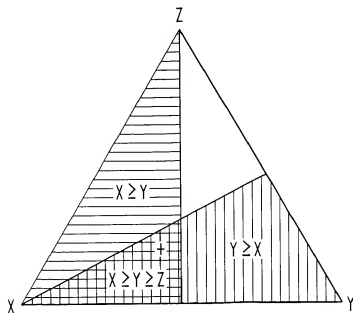


FIG. 3

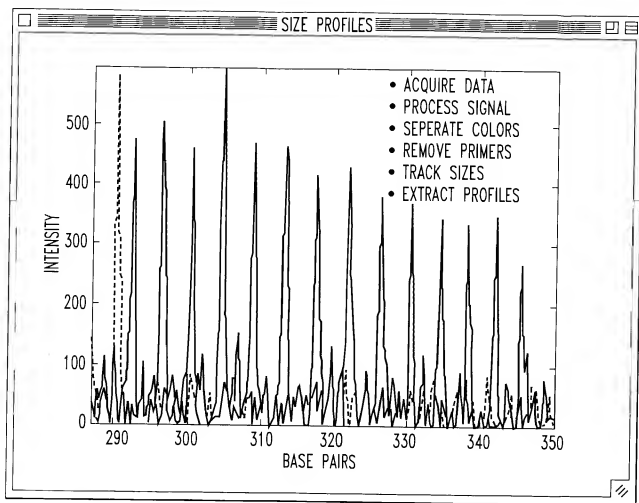


FIG. 4

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7 DERIVE ALLELIC LADDER
8 TRANSFORM COORDINATES
9 QUANTITATE TRACE
10 ANALYZE DATA

FIG. 5

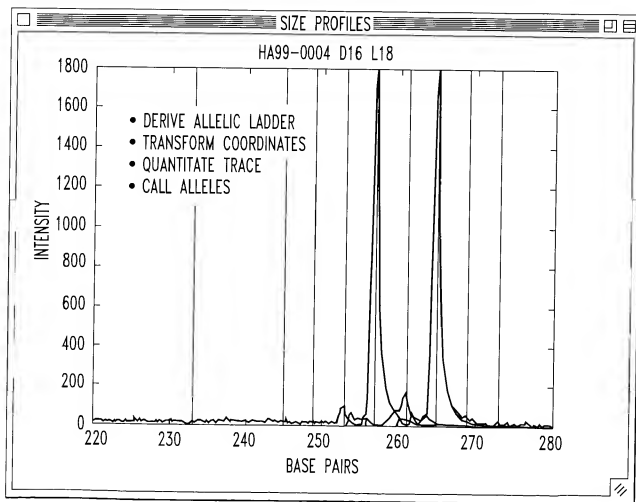


FIG. 6

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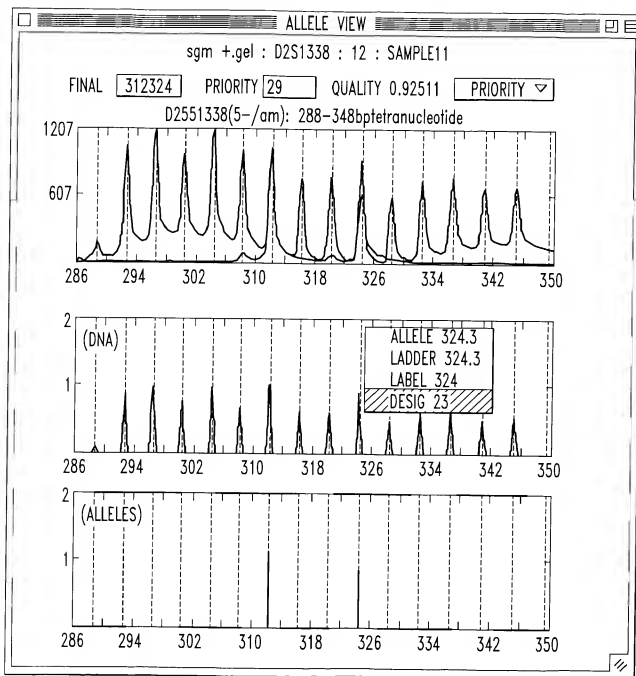


FIG. 7

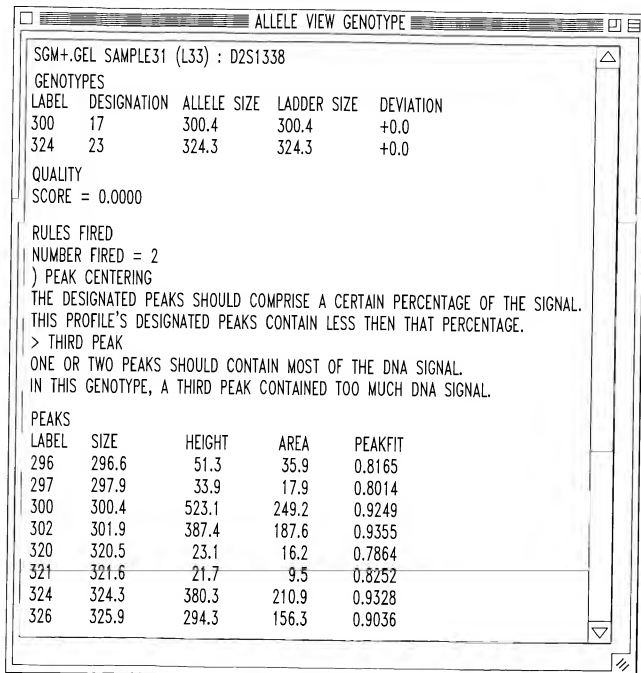


FIG.8

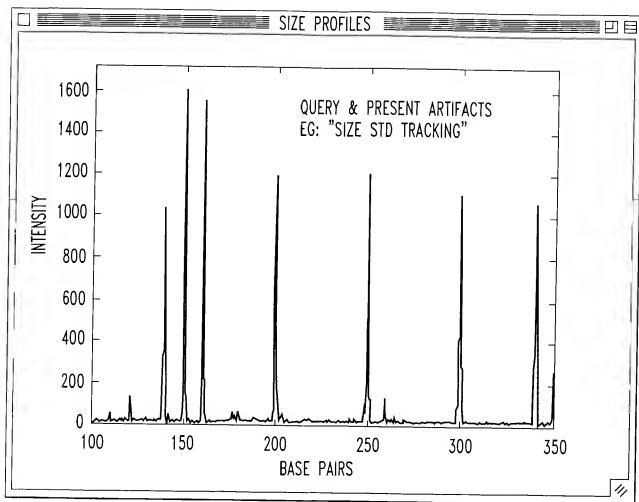


FIG. 9

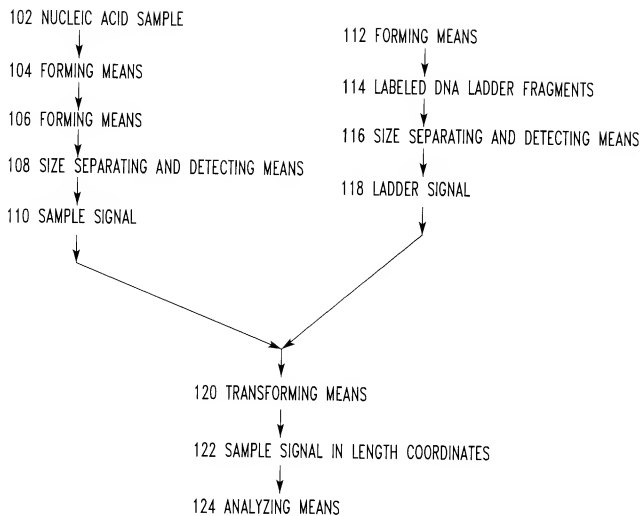


FIG.10

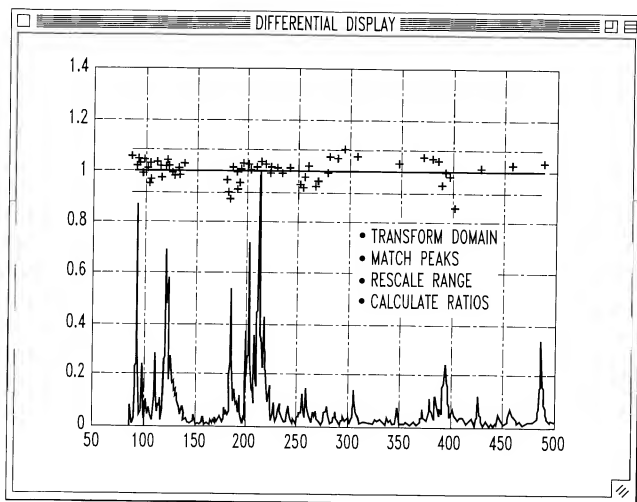


FIG.11

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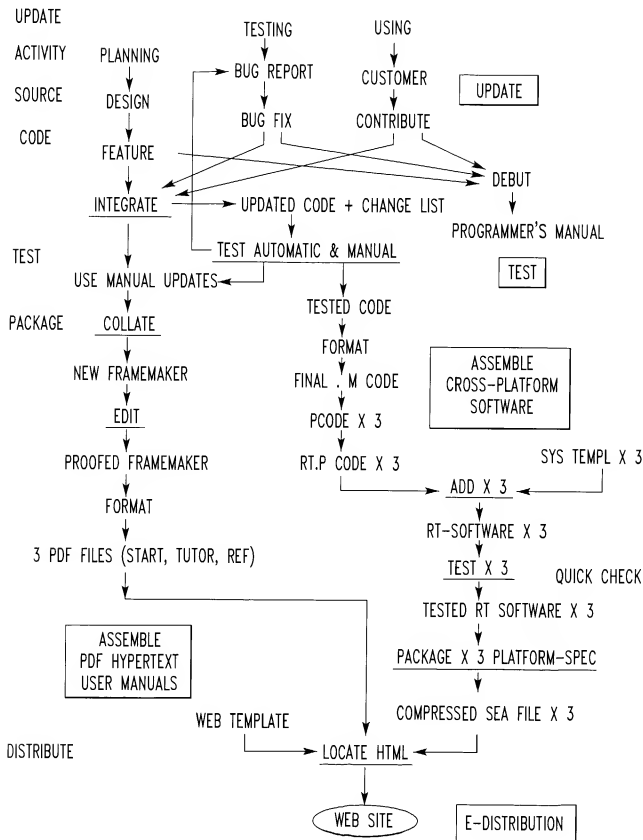


FIG.12

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| LABOR COST | | | | | |
|-------------------|-------------|---|---------------|---------|-----------|
| A | B | C | D | E | F |
| 20 PEOPLE COST | \$1,024,000 | | | | |
| 21 PER GENOTYPE | \$1.02 | | | | |
| 22 | | | | | |
| 23 | | | | | |
| 24 BREAKDOWN | PER PERSON | | THROUGHPUT | PER DAY | PER YEAR |
| 25 SALARY | \$25,000 | | RUNS | 8 | 2,000 |
| 26 BENEFITS | \$6,250 | | GENOTYPES | 4,000 | 1,000,000 |
| 27 SPACE | \$2,000 | | | | |
| 28 COMPUTER | \$2,000 | | SCORING | | |
| 29 SOFTWARE | \$10,000 | | CALLS/PERSON | 500 | 125,000 |
| 30 MANAGEMENT | \$6,250 | | PEOPLE | 16 | |
| 31 OVERHEAD | \$12,500 | | | | |
| 32 COST | \$64,000 | | | | |
| 33 | | | | | |
| 34 ASSUMPTIONS | | | ASSUMPTIONS | | |
| 35 BENEFITS RATE | 0.25 | | GENOTYPES/RUN | 500 | |
| 36 SOFET/PERSON | 100 | | DAYS/YEAR | 250 | |
| 37 COST/SQFOOT YR | \$20 | | PEOPLE/CALL | 2 | |
| 38 MANAGING RATE | 0.25 | | | | |
| 39 OVERHEAD RATE | 0.50 | | | | |
| 40 | | | | | |
| LABOR COST | | | | | |

FIG.13



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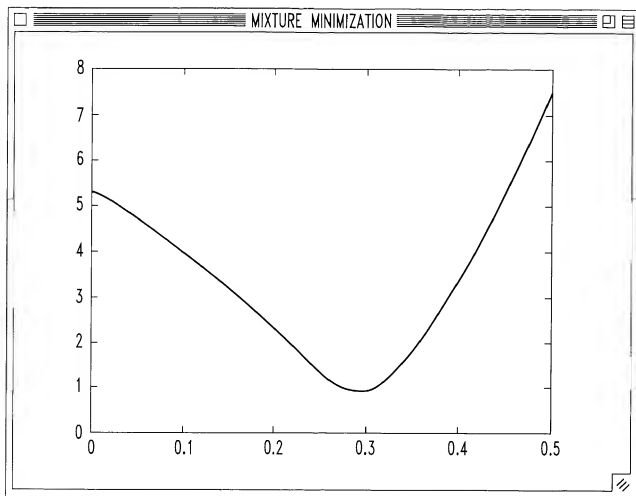


FIG.14